**To:** Neale, Anne[Neale.Anne@epa.gov]; McDonald, Michael E.[McDonald.Michael@epa.gov]; Schumacher, Brian[Schumacher.Brian@epa.gov]; Sullivan, Kate[Sullivan.Kate@epa.gov]; Garland, Jay[Garland.Jay@epa.gov]

Cc: Watkins, Tim[Watkins.Tim@epa.gov]

From: Orme-Zavaleta, Jennifer
Sent: Mon 8/17/2015 12:08:10 PM

Subject: FW: Mobile Web - Lifestyle - Map created after Animas River spill shows Colorado faces 230

mines leaking heavy metals into rivers

fyi

From: Burke, Thomas

Sent: Sunday, August 16, 2015 10:44 AM

To: Kavlock, Robert; Kadeli, Lek; Orme-Zavaleta, Jennifer; Fontaine, Thomas; Benson, William;

Sonich-Mullin, Cynthia; Sayles, Gregory

Subject: Fwd: Mobile Web - Lifestyle - Map created after Animas River spill shows Colorado

faces 230 mines leaking heavy metals into rivers

FYI. See the attached article that underscores the broader issues of the river system.

Tomorrow morning I will be attending a meeting with leadership to frame an approach to the Animas river system. Our role will be very important. I will be sharing the modeling write up. There will most likely be other essential contributions including sampling and analyses needs, fate and transport, exposure, and both health and ecological risk assessment, spatial and temporal analysis and communication. This will involve program offices and regions.

I will keep everyone posted.

Tom

Thomas A. Burke, PhD, MPH

Deputy Assistant Administrator

**EPA Science Advisor** 

Office of Research and Development

202-564-6620

burke.thomas@epa.gov

Begin forwarded message:

From: "Stanislaus, Mathy" < Stanislaus. Mathy@epa.gov>

Date: August 16, 2015 at 10:20:26 AM EDT

To: "Kopocis, Ken" < Kopocis.Ken@epa.gov>, "Burke, Thomas"

<a href="mailto:survey-separation-left"><a href="mailto:survey-separation-left">Burke.Thomas@epa.gov</a>, Administrator/Ex. 6
"Fritz, Matthew wepa.gov</a>, Reynords, Thomas

@epa.gov>,

<Reynolds.Thomas@epa.gov>

Subject: Fwd: Mobile Web - Lifestyle - Map created after Animas River spill shows Colorado faces 230 mines leaking heavy metals into rivers

Sent from my iPhone

Begin forwarded message:

From: "Card, Joan" < <u>Card.Joan@epa.gov</u>> **Date:** August 16, 2015 at 10:10:48 AM EDT

**To:** "McGrath, Shaun" < <a href="McGrath.Shaun@epa.gov">"Stanislaus, Mathy" < <a href="Mathy@epa.gov">Stanislaus.Mathy@epa.gov">Mathy@epa.gov</a>>, "Natarajan, Nitin" < <a href="Mathy@epa.gov">Natarajan, Nitin"</a>

Subject: Mobile Web - Lifestyle - Map created after Animas River spill shows Colorado faces 230 mines leaking heavy metals into rivers

http://www.denverpost.com/environment/ci\_28647978/colorado-faces-230-mines-leaking-heavy-metals-into

Joan Card Senior Policy Advisor Region 8

Sent from my EPA iPhone